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Attorney's Docket No.: 17120-006004 / 2403D

RESPONSE UNDER 37 CFR §1.116  
-- EXPEDITED PROCEDURE --  
EXAMINING GROUP 1600

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Cantor *et al.*  
Serial No. : 09/395,409  
Confirmation No.: 6005  
Filed : September 14, 1999  
Title : **SOLID PHASE SEQUENCING OF BIOPOLYMERS**

Art Unit : 1637  
Examiner : Heather Calamita  
Customer No.: 20985

**Mail Stop AF**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER


Dear Sir:

Transmitted herewith are an Amendment and Response After Final, responsive to the Office Action, mailed February 6, 2007 and a return postcard in connection with the above-captioned patent application. If a Petition for extension of time is needed, this paper is to be considered such Petition.



The Commissioner is hereby authorized to charge any fee, including any submitted herewith if the attached check(s) is in the wrong amount or otherwise improper or missing, that may be due in connection with this and the attached papers, or with this application during its entire pendency or to credit any overpayment to Deposit Account No. 06-1050. A duplicate of this sheet is enclosed.

Respectfully submitted,

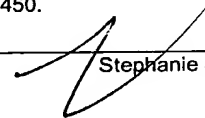
  
Stephanie Seidman  
Reg. No. 33,779

Attorney Docket No. 17120-006004 / 2403D  
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I hereby certify that this paper is being deposited with the United States Postal "Express Mail Post Office to Addressee". Service under 37 CFR §1.10 on the date indicated above and is addressed to: Mail Stop AF, Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA, 22313-1450.

  
Stephanie Seidman



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**AMENDMENT AND RESPONSE AFTER FINAL**

Dear Sir:

Responsive to the Final Office Action, mailed February 6, 2007, entry and consideration of the following amendments and remarks are respectfully requested. It is respectfully submitted that the amendments either place the application into condition for allowance or reduce the number of issues for appeal. Cancellation of claims 86 and 144 obviates any rejection of these claims.

**Amendments to the claims** are reflected in the listing of the claims, which begins on page 2 of this paper.

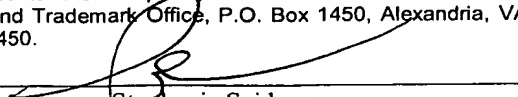
**Remarks/Arguments** begin on page 14 of this paper.

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